

# 2018 Cervical Cancer Fact Sheet — Texas

## Texas Department of State Health Services

April 2018

Age-Adjusted Incidence Rate of  
Cervical Cancer (Per 100,000),  
Females, 2015:

9.1 (95% Confidence Interval: 8.6-9.7)

Expected Deaths due to Cervical  
Cancer, 2018:

431

### Interpretations:

The incidence rate for cervical cancer was 9 new cases per 100,000 women in Texas.

### Prevalence of Cervical Cancer Screening Measures, Females, 18 years and older, 2016

Percentage of Adults (95% confidence interval)

Ever had a Pap test	87.5 (85.5-89.6)
Had a Pap test within past 3 years	70.7 (67.9-73.6)
Had a hysterectomy	22.6 (20.7-24.6)

An estimated 70.7% of women had a pap test within the last three years.

An estimated 22.6% of women have had a hysterectomy.

### Age-Adjusted Death Rates due to Cervical Cancer, Females, All Ages, 2015

Annual Deaths per 100,000 Women

Demographics	Deaths	Age-Adjusted Mortality Rate	95% Confidence Interval	
			Lower	Upper
Total	406	2.9	2.6	3.2
White	183	2.6	2.3	3.0
Black	64	4.0	3.0	5.0
Hispanic	144	3.3	2.7	3.8
Other	15	2.0	1.0	3.1

For every 100,000 women in Texas, about 3 died from cervical cancer.

Cervical cancer deaths were more common among black women than white or Hispanic women.

### Age-Adjusted Cervical Cancer Hospitalization Rates and Charges, Females, All Ages, 2015

Annual Hospital Discharges per 10,000 Women

Demographics	Discharges	Age-Adjusted Discharge Rate	95% Confidence Interval	
			Lower	Upper
Total	840	0.6	0.6	0.6
White	300	0.5	0.4	0.5
Black	109	0.7	0.5	0.8
Hispanic	371	0.8	0.7	0.8
Other	58	0.7	0.5	0.9

For every 10,000 women, about 1 cervical cancer hospitalization occurred annually.

Total hospital charges for cervical cancer hospitalizations were approximately \$41 million.

**Total Hospital Charges:** \$41,148,919.29

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### Cost to State

#### Medicaid Spending among Beneficiaries with Cervical Cancer, Females, FY2016 For Fee-for-Service and Star & StarPlus Programs

Type of Care	Total Expenditure	*Number of Beneficiaries	Average Expenditure per Beneficiary
<b>Total</b>	\$2,083,472.01	1,450	\$1,436.88
<b>Inpatient</b>	\$657,195.18	111	\$5,920.68
<b>Outpatient</b>	\$526,495.91	707	\$744.69
<b>Physician</b>	\$899,780.92	1,282	\$701.86

### Interpretation:

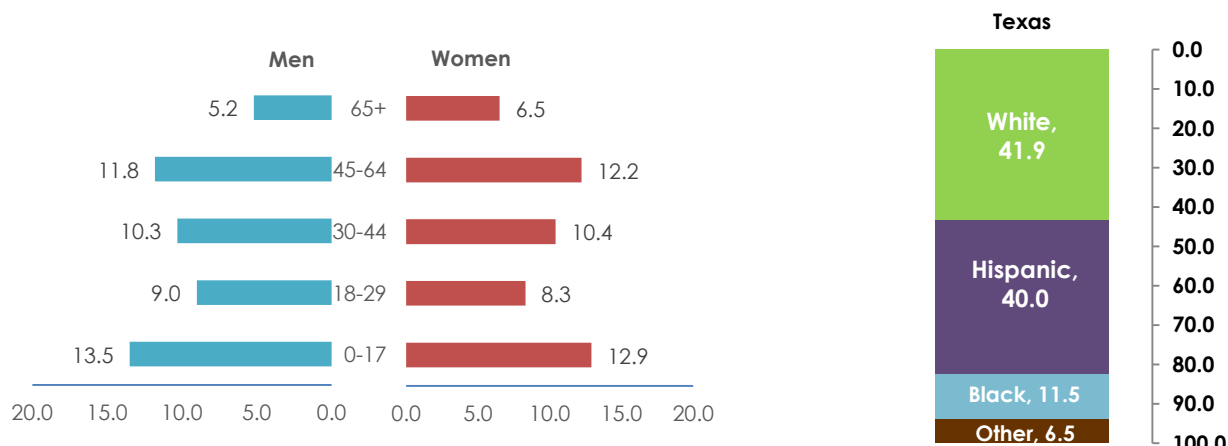
**1,450 Texas Medicaid beneficiaries received acute care for cervical cancer in fiscal year 2016.**

**Total expenditure for cervical cancer care was highest for physician care at about \$900 thousand compared to inpatient or outpatient hospital care.**

**Inpatient hospital care involved the highest average cost per beneficiary (about \$5,900) compared to outpatient hospital care or professional care.**

### Texas Demography, 2015

#### Total Population = 27,469,114 Distribution of Population (% of Total Population)



Data Sources: 2015 Texas Cancer Registry as prepared by the Cancer Epidemiology and Surveillance Branch, Texas Cancer Registry, Texas Department of State Health Services, 2015 Texas Vital Statistics, Population Data. Texas Behavioral Risk Factor Surveillance System Public Use Data File, 2016. Texas Department of State Health Services, Center for Health Statistics, Austin, Texas. 2013 Texas Vital Statistics, Mortality Data. 2015 Texas Hospital Inpatient Discharge Public Use Data File. 2016 Texas Medicaid Reimbursement Data as prepared by Research Team, Strategic Decision Support, Texas Health and Human Services Commission, February 2018.

Case Definitions: **Expected deaths** estimated by applying age-, race-, and sex-specific mortality rates for Texas, 2011-2015, to the Texas 2018 projected population. **Prevalence** based on respondents 18 years and older and self-reported. (1) **Ever had a Pap test**: responded yes to a question asking if they ever had a pap test; (2) **Had a Pap test within past 3 years**: responded yes to a question asking if they had a Pap test within the past 3 years. (3) **Had a hysterectomy**: responded yes to a question asking if they ever had a hysterectomy. **Mortality** based on ICD-10 codes for cervical cancer (C53). **Hospitalizations** based on ICD-9 codes for cervical cancer (180) and ICD-10 codes for cervical cancer (C53). **Medicaid** reimbursement based on paid and partially paid claims for fee-for-service and primary care case management services selected from the Texas Medicaid and Health Partnership (TMHP) Ad Hoc Query Platform (AHQP) Claims Universe of persons with a primary diagnosis of cervical cancer (C54).

\*A beneficiary may receive more than one type of care; therefore, the sum of beneficiaries receiving each type of care does not equal the total number of beneficiaries.

Statistical significance based upon evaluation of overlap among confidence intervals.